KUREHA ECOLOGY MANAGEMENT CO., LTD.
WASTECH DIVISION
(KANAGAWA)

Treated Waste: Types and Quantities (FY2022)

[ton]

Category	Description of waste	April	May	June	July	August	September	October	November	December	January	February	March
Industrial waste	Sludge	268	228	210	377	525	410	465	208	400	498	505	492
	Waste oil	0	0	0	0	0	0	0	0	0	0	0	0
	Waste plastic and others	2,166	1,766	1,466	2,468	2,043	1,746	2,025	1,298	1,802	1,809	1,769	1,554
	Waste paper	183	90	56	83	92	69	108	84	100	123	129	128
	Wood waste	0	0	0	0	1	0	1	0	3	2	1	1
	Animal and plant residues	29	27	24	42	34	35	63	34	33	29	30	29
	Waste rubber	0	0	0	0	0	0	0	0	0	0	0	0
	Waste alkali	12	8	21	39	13	26	37	87	64	48	84	66
	Waste acid	0	0	0	0	0	0	0	0	0	0	0	0
	Waste metal	5	2	4	9	9	8	2	5	7	2	1	0
Hazardous waste	Infectious waste	412	533	497	676	786	474	710	611	623	624	540	600

KUREHA ECOLOGY MANAGEMENT CO., LTD.

WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2022)

(KANAGAWA)

[No.1 Incinerator]

		1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins									
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	16-Sep							
	Date of measurement result obtained	21-Oct							
	Measurement result (ng-TEQ/m3N)	0.026							
Concentrations of Soot									
	Concentration of Sulfur Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	12-Apr	27-Jun	12-Jul	9-Aug	16-Sep	14-Oct	30-Jan	15-Feb
	Date of measurement result obtained	14-May	20-Jul	5-Aug	28-Sep	21-Oct	16-Nov	1-Mar	20-Mar
	Measurement result (volppm)	27	5	11	1.1	25	25	16	22
	Concentration of Soot and Dust								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	9-Aug	16-Sep	15-Feb					
	Date of measurement result obtained	28-Sep	21-Oct	20-Mar					
	Measurement result (g/m3N)	<0.001	<0.001	<0.001					
	Concentration of Hydrogen Chloride								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	9-Aug	16-Sep	15-Feb					
	Date of measurement result obtained	28-Sep	21-Oct	20-Mar					
	Measurement result (mg/m3N)	36	44	1					
	Concentration of Nitrogen Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	30-Jan	15-Feb						
	Date of measurement result obtained	1-Mar	20-Mar						
	Measurement result (ppm)	31	29						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit									
	Date of removal of soot and dust	7/19~7/28							

KUREHA ECOLOGY MANAGEMENT CO., LTD.

WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2022)

(KANAGAWA)

[No.2 Incinerator]

		1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins									
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	14-Oct							
	Date of measurement result obtained	16-Nov							
	Measurement result (ng-TEQ/m3N)	0.029							
Concentrations of Soot									
	Concentration of Sulfur Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	12-Apr	31-Aug	14-Oct	30-Jan	28-Feb			
	Date of measurement result obtained	14-May	28-Sep	16-Nov	1-Mar	27-Mar			
	Measurement result (volppm)	9.200	30	38	8	24			
	Concentration of Soot and Dust								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	12-Apr	14-Oct						
	Date of measurement result obtained	14-May	16-Nov						
	Measurement result (g/m3N)	＜0.001	0.002						
	Concentration of Hydrogen Chloride								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	12-Apr	14-Oct						
	Date of measurement result obtained	14-May	16-Nov						
	Measurement result (mg/m3N)	6.9	2.7						
	Concentration of Nitrogen Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	12-Apr	12-Dec						
	Date of measurement result obtained	14-May	24-Jan						
	Measurement result (ppm)	44	27						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit									
	Date of removal of soot and dust	4/20~5/4							

KUREHA ECOLOGY MANAGEMENT CO., LTD.

WASTECH DIVISION

Measurement Result of Emission Gas and Date of Removal of soot and dust (FY2022)

(KANAGAWA)

[No.3 Incinerator]

		1st	2nd	3rd	4th	5th	6th	7th	8th
Concentrations of Dioxins									
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	23-Jun							
	Date of measurement result obtained	20-Jul							
	Measurement result (ng-TEQ/m3N)	0.05							
Concentrations of Soot									
	Concentration of Sulfur Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	23-Jun	12-Jul	16-Sep	12-Dec	30-Jan	28-Feb		
	Date of measurement result obtained	20-Jul	5-Aug	21-Oct	24-Jan	1-Mar	27-Mar		
	Measurement result (volppm)	2.1	18	25	23	14	44		
	Concentration of Soot and Dust								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	23-Jun	12-Dec						
	Date of measurement result obtained	20-Jul	24-Jan						
	Measurement result (g/m3N)	＜0.001	＜0.001						
	Concentration of Hydrogen Chloride								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	23-Jun	12-Dec						
	Date of measurement result obtained	20-Jul	24-Jan						
	Measurement result (mg/m3N)	7.1	3.6						
	Concentration of Nitrogen Oxides								
	Sampling position of the emission gas	Sampling port in the middle of the stack							
	Sampling date of the emission gas	23-Jun	12-Dec						
	Date of measurement result obtained	20-Jul	24-Jan						
	Measurement result (ppm)	25	28						
Removal date of accumulated soot and dust from the cooling unit and emission gas treatment unit									
	Date of removal of soot and dust	4/27~5/7							